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TITLE: ANTI-FALLING SHAFT FOR DISC TRAY

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INVENTOR-INFORMATION:

NAME

SAKURADA, MASATAKA

MATSUMOTO, KAZUNOBU

ASSIGNEE-INFORMATION:

NAME

TOPPAN PRINTING CO LTD

COUNTRY

N/A

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ABSTRACT:

PURPOSE: To obtain a shaft for facilitating the operation and preventing fall down of disc by disposing a magnet on the slightly inner side of the surface of operating section contacting with a supporting frame body.

CONSTITUTION: A disc tray 20 is constituted of a tray body 22 of synthetic resin having grooves 21 for containing discs 30 sheet by sheet, and a supporting frame body 23 formed of metal plate. A through hole 25 is made through the supporting frame body 23 at a position corresponding to a hole 31 for rotating the disc 30 when the disc is contained in the body 22. After the

discs 30 are actually contained in the grooves 21, leading end 4 of the shaft 1 is inserted into the through hole 25 of the supporting frame body 23 thence into the hole 31 of each disc 30. A magnet 10 contained in the recess 9 at the rotating part 5 of operating section 3 attracts the frame body 23 to prevent the shaft 1 from being removed. According to the constitution, each disc 30 is secured to the shaft 1 even if the tray 20 is carried and the disc 30 is not removed from the containing groove 21.

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